

## CLAIMS

1. A fabric comprising:
  - a) a plurality of substantially parallel first tows;
  - b) a plurality of second tows substantially parallel to said first tows, wherein said first and second tows are arranged in a single layer and each of said second tows is adjacent at least two of said first tows thereby defining a channel, and wherein said second tows have a greater yield than the yield of said first tows.
2. The fabric of claim 1 wherein said first tows and said second tows are stitched together.
3. The fabric of claim 1, wherein said fabric is a crimp-free fabric.
4. The fabric of claim 1, wherein said yield of said first tows is between about 52 to about 450 yards/pound.
5. The fabric of claim 4, wherein said yield of said first tows is between about 52 to about 350 yards/pound.
6. The fabric of claim 5, wherein said yield of said first tows is between about 150 to about 220 yards/pound.
7. The fabric of claim 1, wherein said yield of said second tows is between about 1200 to about 2500 yards/pound.
8. The fabric of claim 7, wherein said yield of said second tows is between about 1200 to about 2000 yards/pound.

9. The fabric of claim 7, wherein said yield of said second tows is between about 1500 to about 1800 yards/pound.
10. The fabric of claim 1, wherein said first tows and said second tows are coaxially aligned.
11. The fabric of claim 1, wherein said fabric is a unidirectional fabric.
12. The fabric of claim 1, wherein said fabric is a biaxial fabric.
13. The fabric of claim 1, wherein said fabric is a triaxial fabric.
14. The fabric of claim 1, wherein said fabric is a quadaxial fabric.
15. A method of making a fabric comprising the steps of:
  - a. providing a plurality of substantially parallel first tows;
  - b. providing a plurality of substantially parallel second tows; wherein said second tows have a greater yield than the yield of said first tows; and
  - c. spacing at least two of said first tows adjacent at least one of said second tows in a single layer thereby forming a channel.
16. The method of claim 12, wherein said plurality of first tows and said plurality of second tows are stitched together.
17. The method of claim 12, wherein said fabric is a crimp-free fabric.
18. The method of claim 12, wherein said yield of said first tows is between about 150 to about 500 yards/pound.

19. The method of claim 18, wherein said yield of said first tows is between about 150 to about 250 yards/pound.
20. The method of claim 19, wherein said yield of said first tows is between about 190 to about 220 yards/pound.
21. The method of claim 12, wherein said yield of said second tows is between about 1200 to about 3000 yards/pound.
22. The method of claim 21, wherein said yield of said second tows is between about 1200 to about 2500 yards/pound.
23. The method of claim 22, wherein said yield of said second tows is between about 1500 to about 2000 yards/pound.
24. The method of claim 12, wherein said first tows and said second tows are coaxially aligned.
25. The method of claim 12, wherein said fabric is a unidirectional fabric.
26. The method of claim 12, wherein said fabric is a biaxial fabric.
27. The method of claim 12, wherein said fabric is a triaxial fabric.
28. The method of claim 12, wherein said fabric is a quadaxial fabric.